

CLAIMS

1. A method for making retaining net knots, such as rock and avalanche fences, wherein a knot (4) comprises a first and a second rope (2,3) crossing over each other and a junction (6) binding said ropes, characterized in that it comprises the steps of placing a first and a second U elements (7,8) astride said first rope (2), with same orientation and close to said second rope (3) on opposite sides thereof, linking the ends (7d,7e) of the first U element (7) to the ends (8d,8e) of the second U element (8) by means of at least one bridge element (9) overlying said second rope (3), and clamping said at least one bridge element (9) on said second rope (3).
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2. A knot (4) of of a retaining net (1), such as rock or avalanche fence and the like, of the type comprising a first and a second rope (2,3) crossing over each other and a junction (6) for binding the ropes together, characterized in that said junction (6) comprises a first and a second U element (7,8) astride said first rope (2), with equally oriented wigs close to the second rope (3) on opposite sides thereof, at least one bridge element (9) linking the ends (7d,7e) of the wigs (7b,7c) of the first U element (7) to the adjacent ends (8d,8e) of the wigs (8b,8c) of the second U element (8), and overlying the second rope (3); and clamping means (10,20) for clamping said at least bridge element (9) on the second rope (3).
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3. A knot (4) according to Claim 2, characterized in that said bridge element (9) comprises an arch element (9d) linking an end (7d) of a wig (7b) of the U element (7) to an adjacent end (8d) of a wig (8b) of the second U element (8).
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4. A knot (4) according to Claim 3, characterized in that said arch element (9d) is formed integrally with said first U element (7) and with said second U element (8).
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- 30 5. A knot (4) according to Claim 2, characterized in that said bridge

element (9) comprises a yoke (9e) linking an end (7e) of a wig (7c) of the first U element(7) to an adjacent end (8e) of a wig (8c) of the second U element (8).

5 6. A knot (4) according to Claim 2, characterized in that the clamping means (10) comprise two nuts (15,16) screwing on the ends (7e,8e) of two wings (7b,8b) of said U elements (7,8).

10 7. A knot (4) according to Claim 2, characterized in that the clamping means (20) comprise two heads (21,22) formed through riveting in corrrespondance of the ends (7e,8e) of two wigs (7b,8b) of said U element (7,8).

15 8. A junction (6) for binding two ropes (2,3) together in a knot (4) of a retaining net (1), such as rock or avalanche fence and the like, characterized in that it comprises a first and a second U elements (7,8), laid side-by-side and equally oriented, and at least one bridge element (9) linking the ends (7d,7e) of the first U element (7) to the adjacent ends (8d,8e) of the second U element (8), used to close the U elements, and clamping means (10,20) of said at least one bridge element.

20 9. A junction (6) according to Claim 8, characterized in that said bridge element (9) comprises an arch (9d) linking an end (7d) of a wig (7b) of the first U element (7) to an adjacent end (8d) of a wig (8b) of the second U element (8).

10. A junction (6) according to Claim 9, characterized in that said arch (9d) is formed integrally with said first U element (7) and said second U element (8).

25 11. A junction (6) according to Claim 8, characterized in that said bridge element (9) comprises a yoke (9e) linking an end (7e) of a wig (7c) of the first U element (7) to an adjacent end (8e) of a wig (8c) of the second U element (8).

12. A junction (6) according to Claim 8, characterized in that the

clamping means (10) comprise two nuts (15,16) screwing on the ends (7e,8e) of two wigs (7b,8b) of said U elements (7,8).

13. A junction (6) according to Claim 8, characterized in that the
clamping means (20) comprise two heads (21,22) formed through
riveting in correspondance of the ends (7e,8e) of two wigs (7b,8b) of said
5 U elements (7,8).